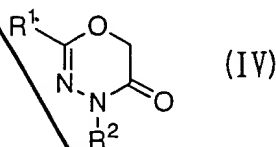


IN THE CLAIMS:

Please amend the claims as follows:

10. (Amended) The heterodiazinon compound according to claim 7 represented by the following formula (IV):



(wherein R¹ and R² have the same meanings as defined above), a pharmacologically acceptable salt thereof or hydrates thereof.

11 (Amended) The heterodiazinon compound according to claim 7, a pharmacologically acceptable salt thereof or hydrates thereof, wherein the aryl group is a group selected from phenyl group, indenyl group, naphthyl group, azulenyl group, heptalenyl group and anthnly group; the heteroaryl group is a group selected from thienyl group, furyl group, pyranly group, pyrrolyl group, imidazolyl group, pyrazolyl group, triazolyl group, tetrazolyl group, isothiazolyl group, thiazolyl group, thiadiazolyl group, isoxazolyl group, pyridyl group, pyrazinyl group, pyrimidyl group, pyridazinyl group, indoliziny group, isoindolyl group, indolyl group, indazolyl group, isoquinolyl group, quinolyl group,

contd.
Q2

phthalazinyl group, naphthylidiny group, quinoxaliny group
quinazoliny group and cinolynyl group; and the lower cycloalkyl
group is a group selected from cyclopropyl group, cyclobutyl group,
cyclopentyl group, cyclohexyl group, cycloheptyl group and
cycloctyl group.

12. (Amended) The heterodiazinon compound according to claim
7, which is the compound selected from the following compounds or
pharmacologically acceptable salts thereof or hydrates thereof.

- (1) 2-(2-Pyridyl)-4- phenyl-4H-1,3,4- oxadiazine-5 (6H)-one,
- (2) 2-(2-Pyrazinyl)-4-phenyl-4H -1,3,4-oxadiazine-5 (6H) -one,
- (3) 2-(1-methyl-2-pyrollyl)-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (4) 2,4-diphenyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (5) 2-(2,3-dimethoxyphenyl)-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-
one,
- (6) 2-(2-pyrrolyl)-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (7) 2-(2-quinolyl)-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,

contd
Q2

- (8) 2-(6-methyl-2-pyridyl)-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (9) 2-benzoyloxymethyl-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (10) 2-(2-pyridyl)-4-(2,4-difluorophenyl)-4H-1,3,4-oxadiazine-5(6H)-one,
- (11) 2-(2-pyridyl)-4-cyclohexyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (12) 2-(2-chloro-4-pyridyl)-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (13) 2-(3-methoxy-2-pyridyl)-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (14) 2-(3-hydroxy-2-pyridyl)-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (15) 2-styryl-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (16) 2-[2-(3-pyridyl)vinyl]-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (17) 2-(2-methoxyphenyl)-4-(2-bromophenyl)-4H-1,3,4-oxadiazine-5(6H)-one,
- (18) 2-(4-nitrophenyl)-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (19) 2-(3-nitrophenyl)-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (20) 2-(2-nitrophenyl)-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (21) 2-(4-morpholinyl)-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-

contd.
a²

one,

(22) 2-cyclohexyl-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,

(23) 2-dimethylamino-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-

one,

(24) 2-dimethylamino-4-phenyl-4H-1,3,4-thiadiazine-5(6H)-

one,

(25) 2-(2,6-dimethoxyphenyl)-4-phenyl-4H-1,3,4-oxadiazine-

5(6H)-one,

(26) 2-(2-methoxyphenyl)-4-(2-fluorophenyl)-4H-1,3,4-

oxadiazine-5(6H)-one,

(27) 2-phenyl-4-cyclohexyl-4H-1,3,4-oxadiazine-5(6H)-one,

(28) 2-(2-methoxyphenyl)-4-cyclohexyl-4H-1,3,4-oxadiazine-

5(6H)-one,

(29) 2-(3-pyridyl)-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,

(30) 2-phenyl-4-(2-bromophenyl)-4H-1,3,4-oxadiazine-5(6H)-

one,

(31) 2-(2-thienyl)-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,

(32) 2-benzyl-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,

(33) 2-(2-pyridyl)-4-(2-bromophenyl)-4H-1,3,4-oxadiazine-

5(6H)-one,

(34) 2-(2-pyridyl)-4-(2-fluorophenyl)-4H-1,3,4-oxadiazine-

5(6H)-one,

(35) 2-(2-pyridyl)-4-(2-methoxyphenyl)-4H-1,3,4-oxadiazine-

5(6H)-one,

(36) 2-phenyl-4-(2-cyanophenyl)-4H-1,3,4-oxadiazine-5(6H)-

one,

contd.
a 2

- (37) 2-phenyl-4-(2-nitrophenyl)-4H-1,3,4-oxadiazine-5(6H)-one,
- (38) 2-phenyl-4-(2-pyridyl)-4H-1,3,4-oxadiazine-5(6H)-one,
- (39) 2-phenyl-4-(3-pyridyl)-4H-1,3,4-oxadiazine-5(6H)-one,
- (40) 2-phenyl-4-(3-cyano-2-pyridyl)-4H-1,3,4-oxadiazine-5(6H)-one,
- (41) 2-phenyl-4-(2-hydroxymethylphenyl)-4H-1,3,4-oxadiazine-5(6H)-one,
- (42) 2-phenyl-4-(2-cyano-3-pyridyl)-4H-1,3,4-oxadiazine-5(6H)-one,
- (43) 2-phenyl-4-(2-thienyl)-4H-1,3,4-oxadiazine-5(6H)-one,
- (44) 2-phenyl-4-(3-thienyl)-4H-1,3,4-oxadiazine-5(6H)-one,
- (45) 2-phenyl-4-(4-cyanophenyl)-4H-1,3,4-oxadiazine-5(6H)-one,
- (46) 2-phenyl-4-(3-cyanophenyl)-4H-1,3,4-oxadiazine-5(6H)-one,
- (47) 2-phenyl-4-(2-cyano-3-thienyl)-4H-1,3,4-oxadiazine-5(6H)-one,
- (48) 2-(2-hydroxyphenyl)-4-(2-bromophenyl)-4H-1,3,4-oxadiazine-5(6H)-one,
- (49) 2-(2-hydroxyphenyl)-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (50) 2-phenyl-4-(2-hydroxyphenyl)-4H-1,3,4-oxadiazine-5(6H)-one,
- (51) 2-(2-hydroxyphenyl)-4-(2-fluorophenyl)-4H-1,3,4-oxadiazine-5(6H)-one,

contd
Q²

- (52) 2-(2-hydroxyphenyl)-4-(4-fluorophenyl)-4H-1,3,4-oxadiazine-5(6H)-one,
- (53) 2-(2-hydroxyphenyl)-4-(2,4-difluorophenyl)-4H-1,3,4-oxadiazine-5(6H)-one,
- (54) 2-[2-(2-dimethylamino)ethoxyphenyl]-4-(2-bromophenyl)-4H-1,3,4-oxadiazine-5(6H)-one,
- (55) 2-[2-(4-pyridyl)methoxyphenyl]-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (56) 2-{2-[2-(4-morpholinyl)ethoxy]phenyl}-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (57) 2-[2-(2-pyridyl)methoxyphenyl]-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (58) 2-[2-(3-pyridyl)methoxyphenyl]-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (59) 2-{2-[2-(1-piperidyl)ethoxy]phenyl}-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (60) 2-{2-[2-(1-pyrrolidinyl)ethoxy]phenyl}-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (61) 2-[2-(2-dimethylaminoethoxy)phenyl]-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (62) 2-[2-(3-dimethylaminopropoxy)phenyl]-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (63) 2-{2-[3-(1-piperidinyl)propoxy]phenyl}-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (64) 2-phenyl-{4-[2-(4-morpholinyl)ethoxy]phenyl}-4H-1,3,4-oxadiazine-5(6H)-one,

contd.

Q²

(65) 2-phenyl-4-[2-(2-dimethylaminoethoxy)phenyl]-4H-1,3,4-oxadiazine-5(6H)-one,

(66) 2-[2-(2-dimethylaminoethoxy)phenyl]-4-(2-fluorophenyl)-4H-1,3,4-oxadiazine-5(6H)-one,

(67) 2-{2-[2-(4-morpholinyl)ethoxy]phenyl}-4-(2-fluorophenyl)-4H-1,3,4-oxadiazine-5(6H)-one,

(68) 2-{2-[2-(4-morpholinyl)ethoxy]phenyl}-4-(2-bromophenyl)-4H-1,3,4-oxadiazine-5(6H)-one,

(69) 2-{2-[2-(4-morpholinyl)ethoxy]phenyl}-4-cyclohexyl-4H-1,3,4-oxadiazine-5(6H)-one,

(70) 2-{2-[2-(4-morpholinyl)ethoxy]phenyl}-4-(4-fluorophenyl)-4H-1,3,4-oxadiazine-5(6H)-one,

(71) 2-{2-[2-(4-morpholinyl)ethoxy]phenyl}-4-(2,4-difluorophenyl)-4H-1,3,4-oxadiazine-5(6H)-one,

(72) 2-[3-(2-hydroxyethoxy)-2-pyridyl]-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,

(73) 2-{3-[2-(4-morpholinyl)ethoxy]-2-pyridyl}-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,

(74) 2-{3-[2-(1-piperidyl)ethoxy]-2-pyridyl}-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,

(75) 2-{3-[2-(1-pyrrolidinyl)ethoxy]-2-pyridyl}-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,

(76) 2-{3-[2-(1-methyl-2-pyrrolidinyl)ethoxy]-2-pyridyl}-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,

(77) 2-[3-(2-dimethylaminoethoxy)-2-pyridyl]-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,

contd.
a²

- (78) 2-(3-aminophenyl)-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (79) 2-(2-aminophenyl)-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (80) 2-phenyl-4-(tetrahydro-4H-pyran-4-yl)-4H-1,3,4-oxadiazine-5(6H)-one,
- (81) 2-phenyl-4-(1-methyl-4-piperidyl)-4H-1,3,4-oxadiazine-5(6H)-one,
- (82) 2-phenyl-4-(3-quinuclidinyl)-4H-1,3,4-oxadiazine-5(6H)-one,
- (83) 2-pyridyl-4-(1-benzyl-4-piperidyl)-4H-1,3,4-oxadiazine-5(6H)-one,
- (84) 2-phenyl-4-(3-tetrahydrofuranyl)-4H-1,3,4-oxadiazine-5(6H)-one,
- (85) 2-phenyl-4-cyclopentyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (86) 2-phenyl-4-(1-benzyl-4-piperidyl)-4H-1,3,4-oxadiazine-5(6H)-one,
- (87) 2-phenyl-4-[1-(2-pyridyl)ethyl]-4H-1,3,4-oxadiazine-5(6H)-one,
- (88) 2-phenyl-4-[1-(3-pyridyl)ethyl]-4H-1,3,4-oxadiazine-5(6H)-one,
- (89) 2-phenyl-4-[1-(4-pyridyl)ethyl]-4H-1,3,4-oxadiazine-5(6H)-one,
- (90) 2-(3-dimethylaminophenyl)-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (91) 2-(2-dimethylaminophenyl)-4-phenyl-4H-1,3,4-

contd.
a 2

oxadiazine-5(6H)-one,

(92) 2-[2-(4-pyridyl)methylaminophenyl]-4-phenyl-4H-1,3,4-

oxadiazine-5(6H)-one,

(93) 2-[2-(3-pyridyl)methylaminophenyl]-4-phenyl-4H-1,3,4-

oxadiazine-5(6H)-one,

(94) 2-(4-pyridyl)-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,

(95) N-(2-pyridyl)-[4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one-
2-yl]carboxamide,

(96) N-(3-pyridyl)-[4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one-
2-yl]carboxamide,

(97) N-(4-pyridyl)-[4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one-
2-yl]carboxamide,

(98) 1,3-diphenyl-4-methyl-4,5-dihydro-1,2,4-triazine-
6(1H)-one and

(99) 1-phenyl-3-(2-pyridyl)-4-methyl-4,5-dihydro-1,2,4-
triazine-6(1H)-one.